

Information Bulletin

New Software Suite and Firmware v1.35 for imagePROGRAF

New CUPS Based Leopard Printer Driver

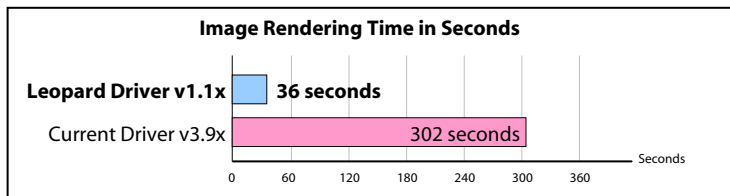
The Mac OS X Leopard printer driver has been released for imagePROGRAF printers. This printer driver vastly improves printing performance as well as introduces new features previously not available for Macintosh operating systems.

Canon Exclusive Fast Rendering for Mac Mac System Renderer vs. Canon Fast Renderer

► Because of the limitations of the printing system used by Mac OS X, all printing processes have to go through Apple's own system renderer. With the new CUPS architecture, Canon was able to create a more efficient rendering engine to improve processing time. The major benefit is faster processing times of large, complex files with advanced controls now available.

800% Faster

► The new CUPS based printer driver enables the use of Canon's exclusive print processing engine, making the image rendering 800% faster than Mac OS X's built-in system renderer.

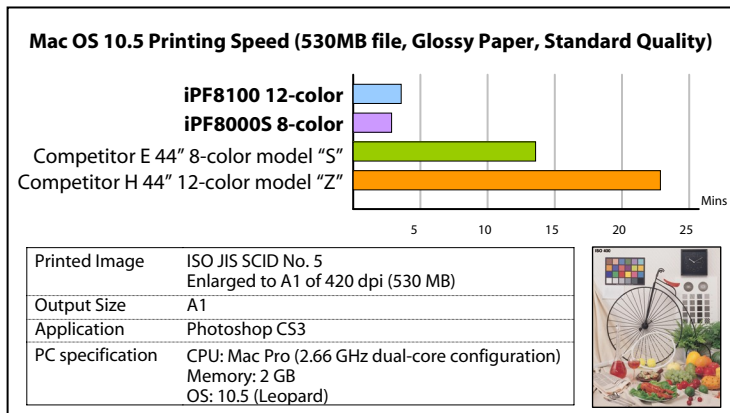


16-bit Processing

► 16-bit processing has been only available in Canon's Print Plug-in for Photoshop, until now. The new Mac OS X Leopard driver now lets users print 16-bit images not only from Adobe Photoshop, but any Mac compatible applications if the application supports 16-bit image.

Faster Printing

► The current Mac OS X system based driver's rendering speed is barely adequate for printing large files. In some cases, the speed of processing is slower than the print engine's speed, causing the print carriage to pause, waiting for the data to be processed by Mac system. With the new faster renderer, the carriage pause has been completely eliminated, even when processing extremely large files.

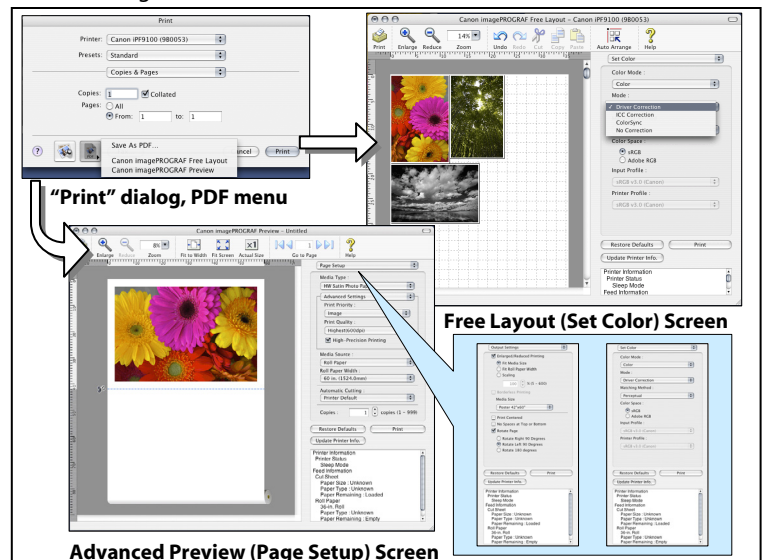


New Printer Driver Extra Kit for Leopard

The new Leopard driver includes a new, enhanced version of Free Layout, Real Preview, and Color imageRUNNER Enlargement Copy feature for Mac OS X Leopard driver. Free Layout and CiREC feature are already available for the Windows driver (Real Preview, similar to Advanced Preview, will be added in July release for Windows driver.)

New Free Layout and Advanced Preview Color Managed Nesting and Real-time Preview

► The new Free Layout feature allows users to nest multiple images in one large sheet on roll paper to save paper usage. Previous nesting application did not allow users to layout images manually, nor color-manage using ICC profiles, but the new Free Layout lets users layout printed images manually or automatically, and color manage using ICC profiles. Also Mac's new Advanced Preview lets users change print parameters while viewing the real-time preview reflecting on the setting changes, just like our renowned Photoshop Plug-in. The Free Layout feature and Advanced Preview feature can be accessed from PDF menu in Print dialog.



Color imageRUNNER Enlargement Copy (CiREC) Direct Printing or Drag-and-Drop of PDF, TIFF, and JPEG

► Hot folders can be created as an easy way to print files created by Color imageRUNNER in different file formats: PDF, TIFF and JPEG. Create a folder on the desktop and set it up as a hot folder using the CiREC feature. Images that are printed through this hot folder can also be color-managed by a custom ICC profile.

Updated Photoshop Plug-in

Export Images up to 60,000 Pixels

► The new updated Photoshop Plug-in allows processing of images larger than 32,000 pixels. Now up to 60,000 pixels in both vertical and horizontal dimensions can be processed. This change means the longest banner that can be printed with the Plug-in can have 84 ppi, significantly smoother to 46ppi with older version of the Plug-ins. At 300ppi, the maximum banner length would be 200 inches.

New Firmware Version 1.35

Firmware version 1.35 offers improvements in reducing the amount ink waste during maintenance routines, decreases graininess of "Highest" mode print quality, and more. This firmware also adds Canon's new photo and fine art paper to the media settings. All iPF5100/6100/8100/9100/8000S/9000S users are advised to update to the version 1.35. (Note: Some of the improvements/changes described here for v1.35 were implemented in v1.32 and/or v1.33, which were not available as upgradable firmware updates.)

Reduced Non-printing Ink Usage

Reduction of Ink for Everyday Maintenance Routine

► The maintenance head cleaning sequence now requires less ink compared with the routine performed by the older firmware versions, contributing to lowering overall running cost. The new cleaning routine improves the timer suction dependent on the environmental reading of the temperature and humidity sensor controls.

Improved Graininess for "Highest" Print Mode

► When printing in "Highest" print mode, the graininess has been further reduced.

Updated Media Configuration

New Photo and Fine Art Media Types

► The new Media Configuration Tool released along with version 1.35 firmware allows users to choose more media selections, such as Premium Glossy/Semi-Glossy Paper 280gsm, and Fine Art Enhanced Velvet 255gsm. For more details refer to the chart below.

Media Media Added to the Base List:

Canon Paper Product Name	New	iPF8100 iPF9100 iPF8000S iPF9000S	iPF5100 iPF6100
Economy Bond Paper		●	●
Universal Bond Paper		●	●
Matte Coated Paper 90gsm		●	●
Matte Coated Paper 170gsm	●	●	●
Premium Coated Paper		●	●
Glossy Photographic Paper 190gsm		●	●
Satin Photographic Paper 190gsm		●	●
Glossy Photographic Paper 240gsm		●	●
Satin Photographic Paper 240gsm		●	●
Glossy Photographic Paper 270gsm	●	●	●
Satin Photographic Paper 270gsm	●	●	●
Heavyweight Glossy Photographic Paper		●	●
Heavyweight Satin Photographic Paper		●	●
Premium Glossy Paper 200gsm	●	●	●
Premium Semi-glossy Paper 200gsm	●	●	●
Premium Glossy Paper 280gsm	●	●	●
Premium Semi-glossy Paper 280gsm	●	●	●
Premium RC Photo Luster Paper		●	●
Photo Paper Plus Glossy 2 (PP-201)	●	●	●
Poster Semi-Glossy Photo Paper	●	●	●
Fine Art Enhanced Velvet 255gsm	●	●	●
Fine Art Natural 230gsm	●	●	●
Fine Art Bright White 230gsm	●	●	●
Fine Art Bright White 330gsm	●	●	●

Updated File List

	Windows 2000/XP/ Vista 32-bit	Windows XP/Vista 64-bit	Mac OS X 10.2-10.4	Mac OS X 10.5
iPF5100/iPF6100/iPF8100/iPF9100/iPF8000S/iPF9000S				
Firmware v1.35 Updater	●	●	●	●
Printer Driver version 3.92 (Win)	●	●		
iPF5100/iPF6100/iPF8100/iPF9100				
Printer Driver version 3.93 (Mac)			●	
Printer Driver version 1.12 (Mac)				●
iPF5100/6100				
Media Configuration Tool v2.61.02 Updater	●	●	●	●
iPF8100/9100				
Media Configuration Tool v2.91.02 Updater	●	●	●	●
iPF8000S/iPF9000S				
Printer Driver version 3.92 (Mac)			●	
Printer Driver version 1.11 (Mac)				●
Media Configuration Tool v2.81.02 Updater	●	●	●	●

*Printer Driver Extra Kit setup is included in the Printer Driver update files.

How to get the updated software and firmware

► All the software and firmware mentioned in this bulletin are available for download at www.usa.canon.com/imageprograf. Choose the specific product then select the "Drivers & Download" tab, and select desired operating system. Then choose the desired file for download.

► Once the update files are downloaded, decompress the files with a file decompression utility (some files are self-extracting files that do not require a separate utility), and extract them to a folder that can be identified later (easiest would be on desktop). Open the folder that was created, and double click on setup.exe to start the update, and follow the screen instructions.

The screenshot shows the Canon website's download page for the imagePROGRAF iPF6100. The 'Drivers & Downloads' tab is selected, and the operating system is set to 'Mac OS X'. The table below lists the available drivers:

File Name and Description	Version	File Size	Date Posted
iPF5100_6100_8100_9100_Driver_OSX_10.5_Ver1.12.hqx	1.0	138.28 MB	02/19/2008
imagePROGRAF Driver for Mac OS X iPF5100_8100_6100_5100_Driver_OSX_Ver3.93.hqx	3.93	99.33 MB	01/02/2008